Title: METHOD AND APPARATUS FOR MONITORING THE
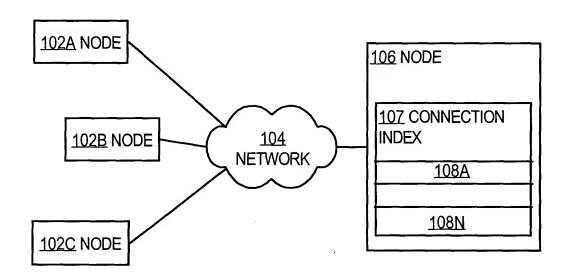AVAILABILITY OF NETWORK RESOURCES
Inventor(s): Mark Coverdill, et al.
Docket No. 50325-0791   Express Mail Label # EV323354781US
1 of 7   Date of Deposit: August 6, 2003

Fig. 1

Title: METHOD AND APPARATUS FOR MONITORING THE
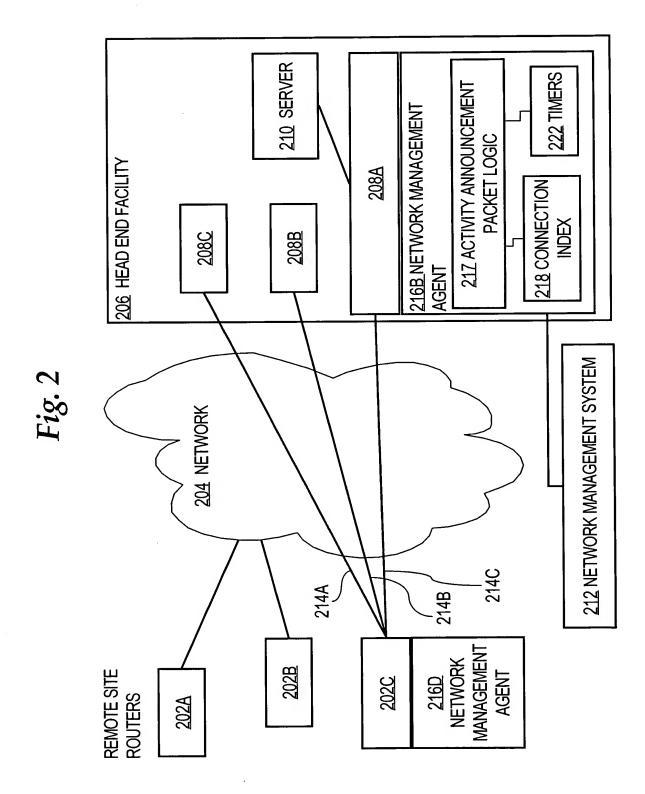AVAILABILITY OF NETWORK RESOURCES
Inventor(s): Mark Coverdill, et al.
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Fig. 2

Title: METHOD AND APPARATUS FOR MONITORING THE
AVAILABILITY OF NETWORK RESOURCES
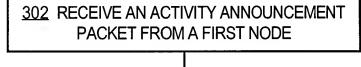Inventor(s): Mark Coverdill, et al.
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Fig. 3

302 RECEIVE AN ACTIVITY ANNOUNCEMENT
PACKET FROM A FIRST NODE

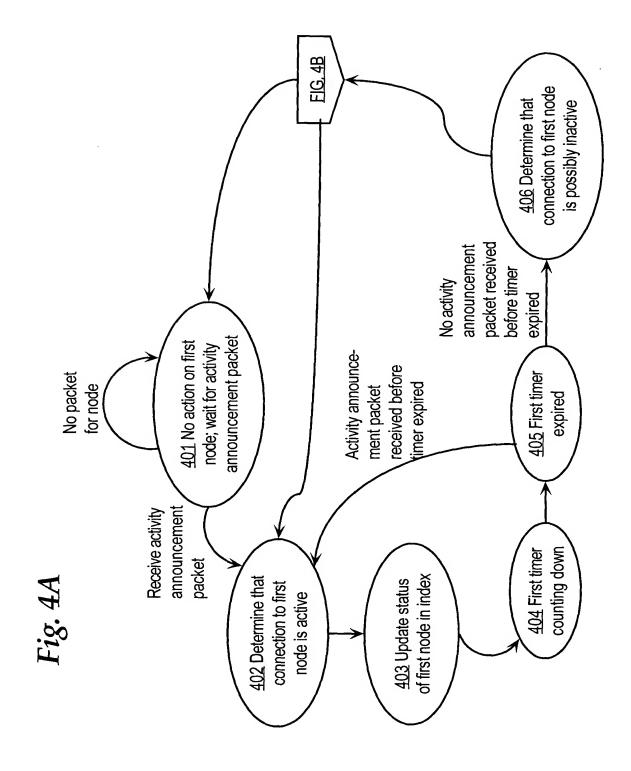304 START FIRST TIMER FOR FIRST NODE

306 START SECOND TIMER FOR FIRST NODE, IF
ANOTHER ACTIVITY ANNOUNCEMENT PACKET FROM
FIRST NODE HAS NOT BEEN RECEIVED WHEN THE
FIRST TIMER EXPIRED

308 DETERMINE THAT CONNECTION IS INACTIVE IF
ANOTHER ACTIVITY ANNOUNCEMENT PACKET HAS NOT
BEEN RECEIVED WHEN THE SECOND TIMER EXPIRES

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Fig. 4A

Title: METHOD AND APPARATUS FOR MONITORING THE
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Fig. 4B

Title: METHOD AND APPARATUS FOR MONITORING THE
AVAILABILITY OF NETWORK RESOURCES
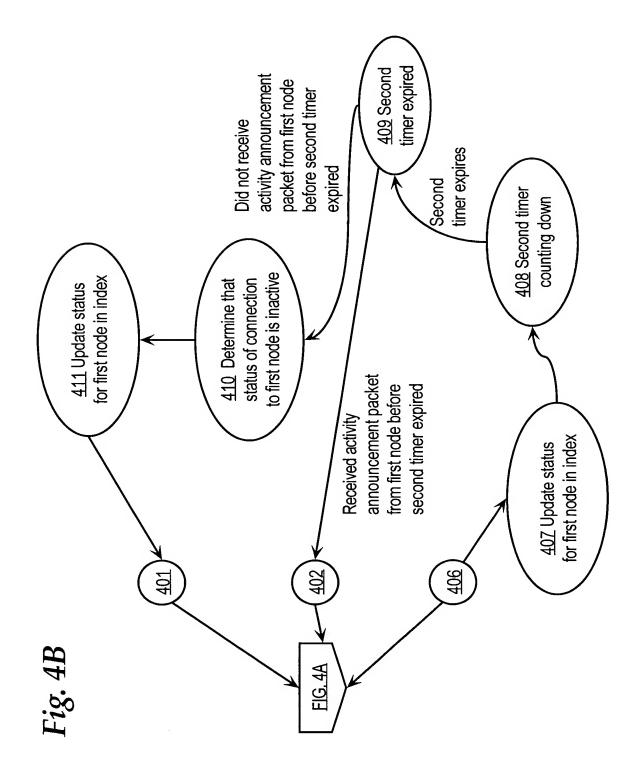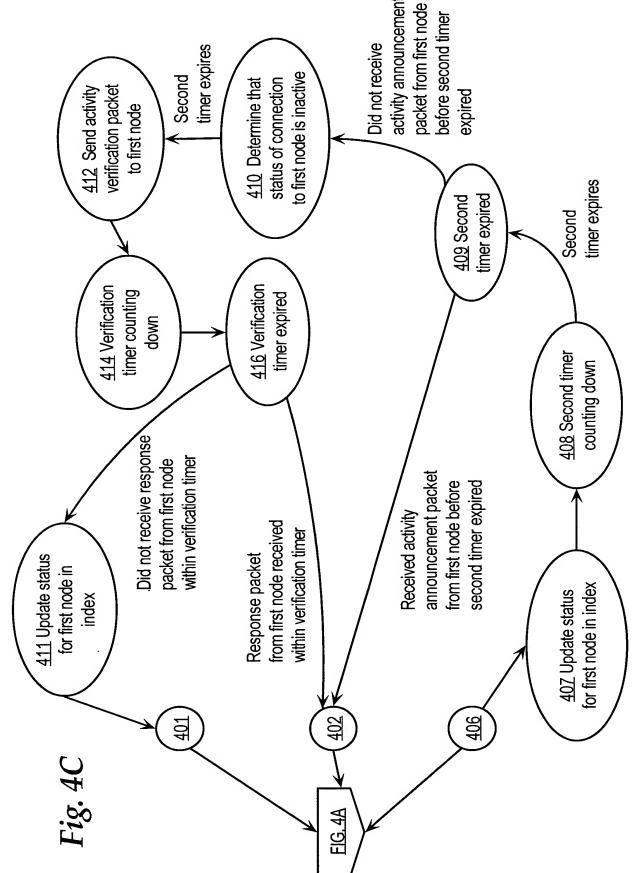Inventor(s): Mark Coverdill, et al.
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Fig. 4C

412 Send activity verification packet to first node

Second timer expires

410 Determine that status of connection to first node is inactive

Did not receive activity announcement packet from first node before second timer expired

409 Second timer expired

414 Verification timer counting down

416 Verification timer expired

Second timer expires

408 Second timer counting down

411 Update status for first node in index

Did not receive response packet from first node within verification timer

Response packet from first node received within verification timer

Received activity announcement packet from first node before second timer expired

407 Update status for first node in index

401

402

406

FIG. 4A

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FIG. 5